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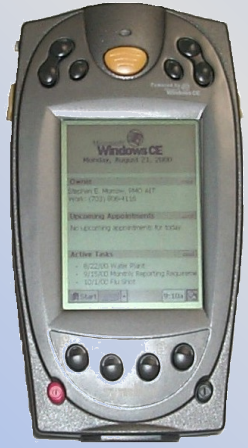
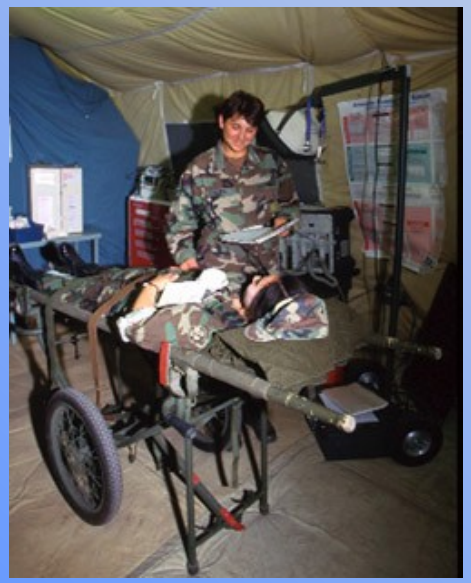
PEO Enterprise Information Systems



AFCEA - Belvoir
PEO EIS Industry Day



COL Stephen Broughall

Project Manager

istics Information Systems

Agenda

- PM Logistics Information Systems (LIS) Mission
- Global Combat Support System – Army (GCSS-Army)
  - From Legacy Automation Stovepipes to Enterprise Resource Planning Solution
- Mobile Tracking System (MTS)

PM Logistics Information Systems Mission

To direct, coordinate, develop, support and evaluate ***all*** functional, programmatic, and technical ***aspects of assigned standard*** Army logistics systems***. These systems include*** the automation of ammunition, maintenance, supply, and property accountability

"**GCSS-Army** *is the* **largest** *and* **most complex** *IT Program in the* **The Army**."
DISC4 *October 1999*

The Army's Tactical Logistics Backbone

Where we started! - Family of Legacy Systems

13 Software Baselines

SARSS-1, -2AD, -2AC/B, & -GW
Stock Record Accounting & Supply Management for Classes II, III (Package), IV, VII, & IX (Less COMSEC). Asset Visibility & Cross Leveling Referrals
Last Fielding - 1998
650 SARSS Sys

SPBS-R
Property Accountability, Hand Receipting & Reporting
Last SPBS Fielding - 1992
1,652 SPBS-R Sys
323 PBUSE Sys

SAMS-1, -2, -I/TDA
Maintenance Shop Operations, Program Management & Supply Operations At All Intermediate Maintenance Levels
Last Fielding – 1998/1999
1,658 Rehost Sys
183 I/TDA Sys

SAAS
Class V Management, Total Asset Visibility, Inventory Accountability, Materiel Management Activities
Last Fielding – 2000
521 SAAS Sys

ILAP
Produce Information Management Reports Combining Data from Several Standard Systems
PMO Mgt: Mar 1997
Last Fielding - 2002
90 ILAP Sys (Servers)

ULLS-S4
Bde/Bn S4, Company Supply Room, Property (Track, Report); Readiness (Summarize, Report); Expenditure (Record, Report); Planning (Estimate)
Last ULLS Fielding - 1999
10,220 ULLS-S4 Sys
24 PBUSE Sys

ULLS-A
Aviation Supply, (Order, Receive, Issue), Maintenance (Schedule, Monitor), Readiness (Record, Report)
Last Fielding - 2000
5,869 ULLS-A Systems

ULLS-G
Motor Pool, Supply (Order, Receive, Issue), Maintenance (Schedule, Monitor), Readiness (Record, Report)
Last Fielding - 1995
7,200 ULLS-G Systems

JWLI placed under PM LIS in Mar-Apr 03

Quantities as of 21 Feb 03

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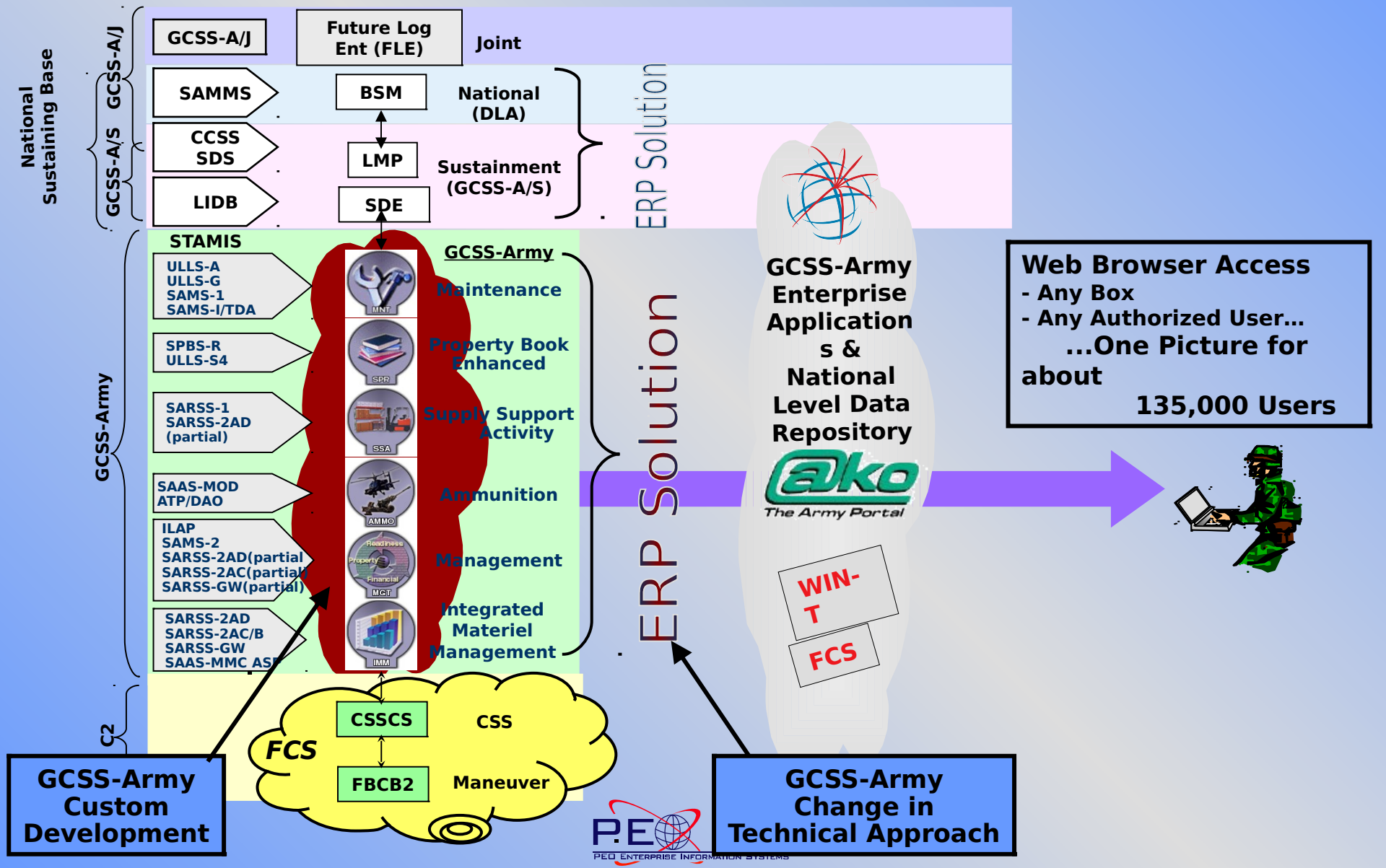
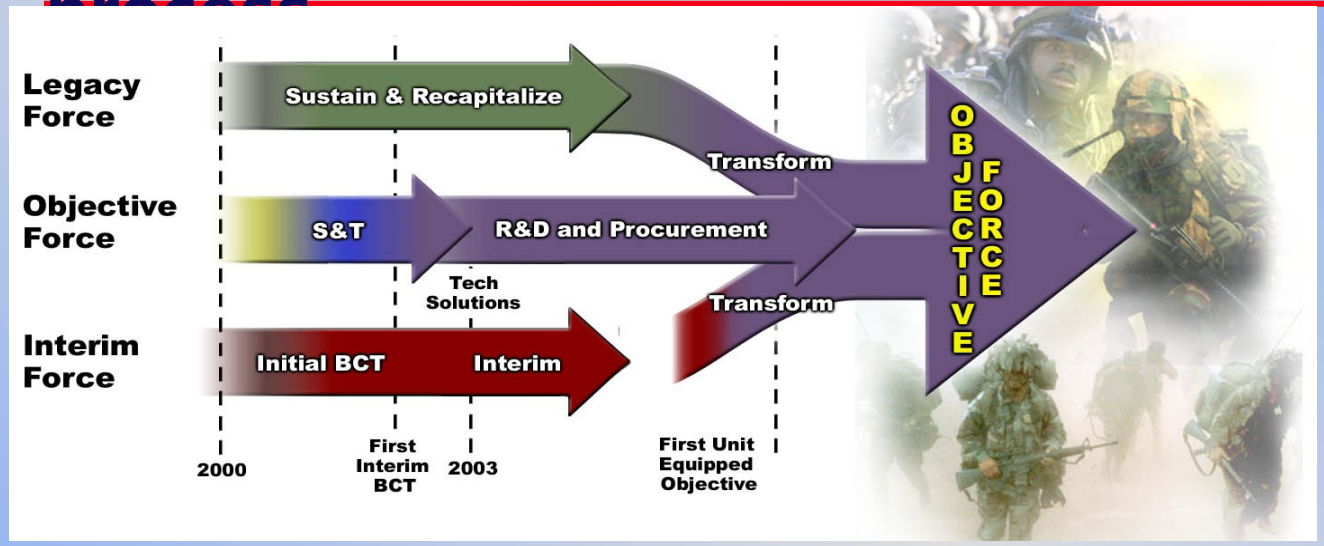
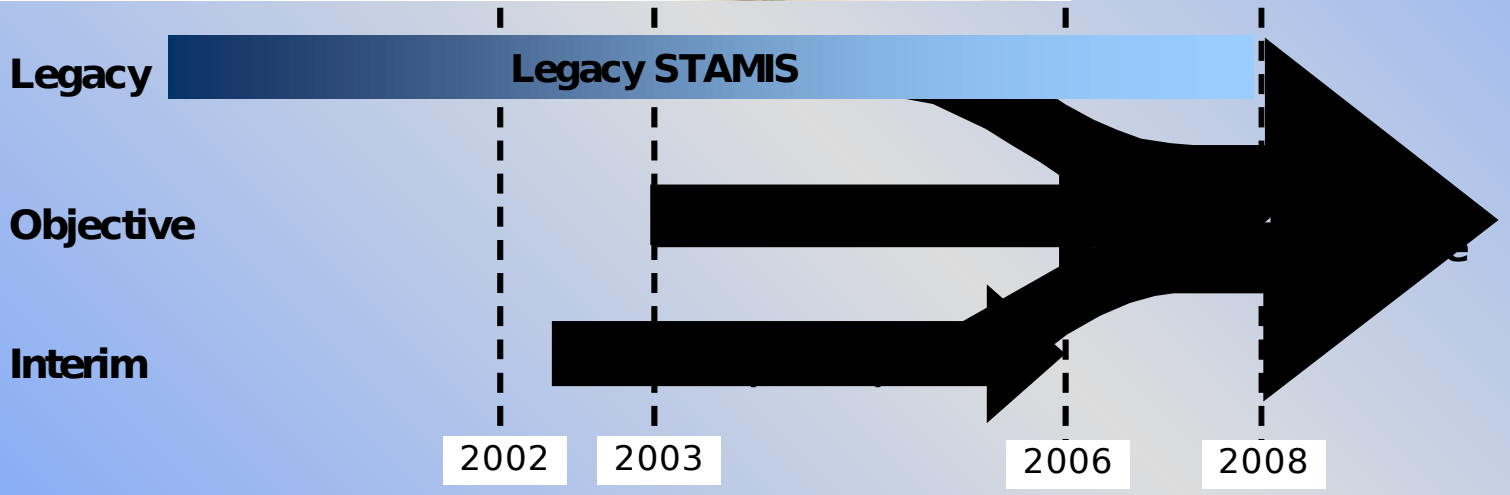
GCSS-Army…the Enterprise



GCSS-Army
Employed throughout the transformation process





GCSS-Army: Key Source of Information to Build and Sustain Combat Power

GCSS-Army: What is an ERP?

ERP stands for Enterprise Resource Planning

- Takes an enterprise approach to ***integrate*** business processes
- Optimizes enterprise elements like supply, property, finance, HR mgmt, etc.
- Provides consistent information for timely decision-making & performance measurement

ERP is:
- *Forced Reengineering*
- *Radical change for dramatic improvement*
- *Minimize non-value tasks*

Implemented through a unique ERP Project Lifecycle

- **Web-based with a robust telecommunications infrastructure**
- **Software built; tested and operational at thousands of sites**
- **Business processes adapted to the selected ERP solution - No custom code**
- **An integrated solution that includes hundreds of functional solution sets**
- **Policies, doctrine, & processes reviewed in detail during Project Preparation**
- **Single database with data warehouse**

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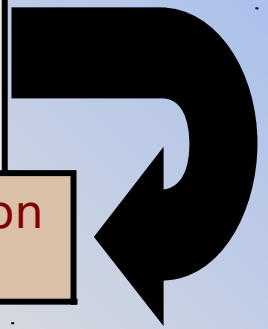
ERP Implementation Schedule (37 Months)

For security reasons, contents of this slide have been removed. View unabridged version on AKO

SATCOM Bridge to WIN-T

The enabler for ERP in the tactical environment is robust COMMUNICATIONS

Integral component of the Acquisition Strategy and Army Cost Position



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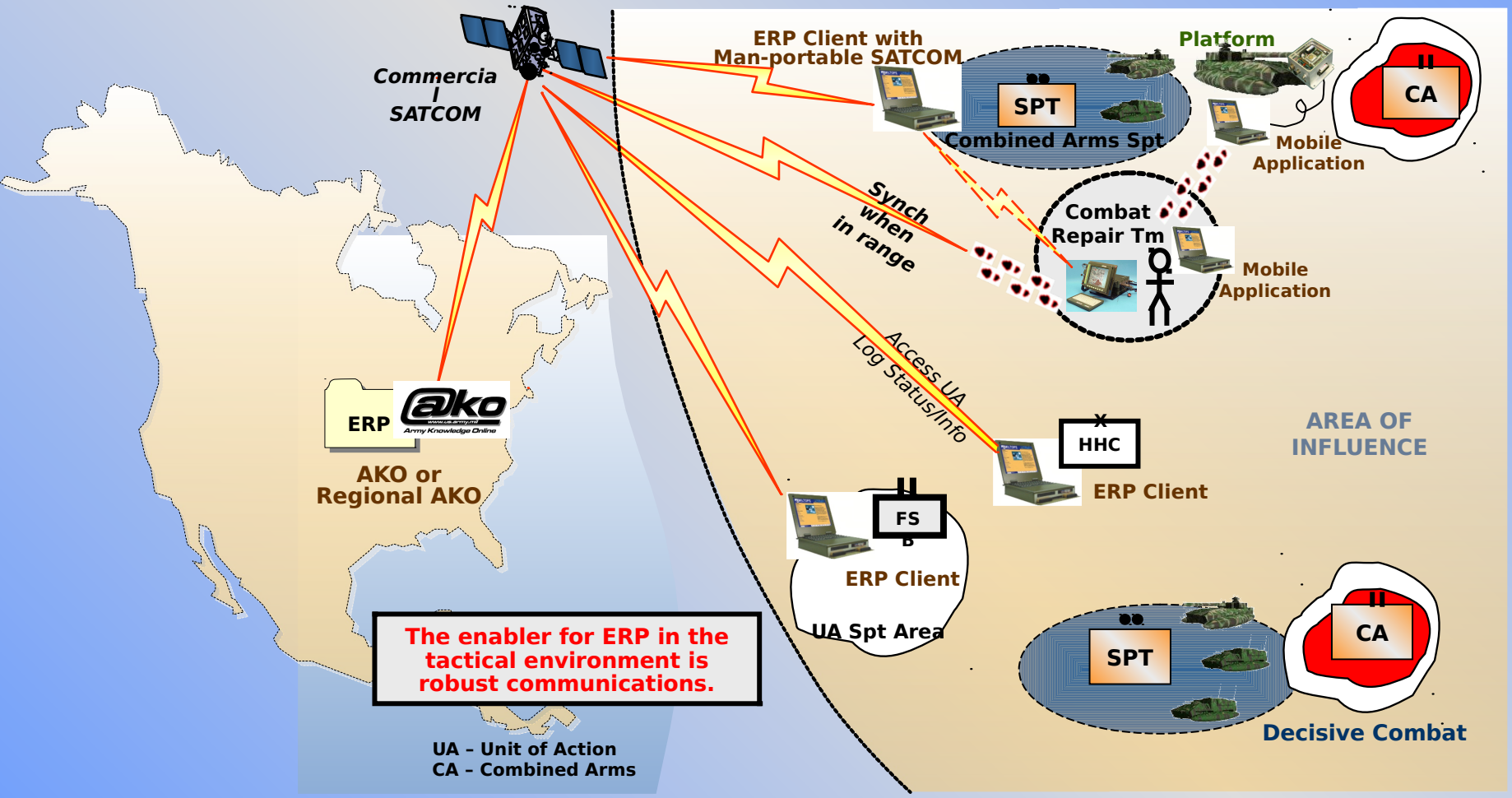
ERP Commercial SATCOM Bridge Architecture in FCS Unit of Action Scenario



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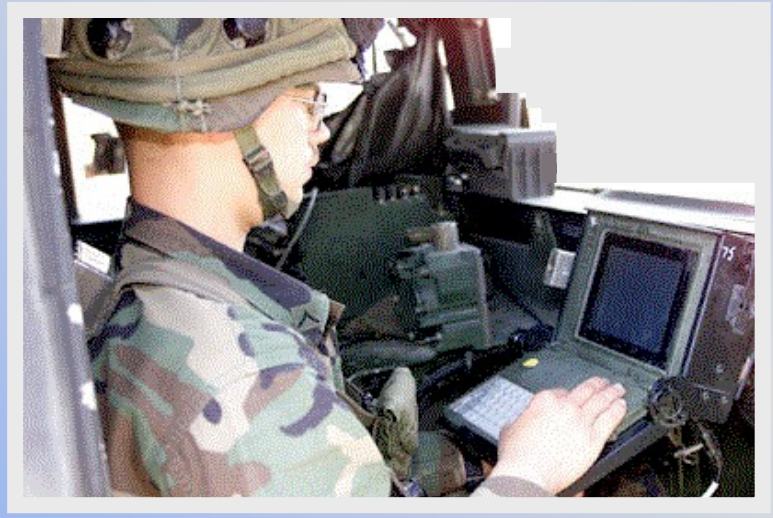
Movement Tracking System (MTS)

Movement Tracking System (MTS) Program Overview



Requirement:

"The Army needs a capability to track the location of vehicles, communicate with vehicle operators, and redirect movements based on battlefield requirements."

Approved MTS ORD, 14 Sep 98

Contract Award Jun 99

- Full and Open Competition

Current Capabilities

- Satellite Based Tracking and Communication System
- Military GPS
- Two-way Messaging
- Worldwide Coverage
- Positive Control, landline independent
- Capability to use multiple satellites

Desired Capabilities

- Capability to Interface with STAMIS
- Enhanced signal security
- Vehicle Diagnostics/prognostics
- Interface with FBCB2

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Movement Tracking System (MTS)
Program Overview – The System

For security reasons, contents of this slide have been removed. View unabridged version on AKO

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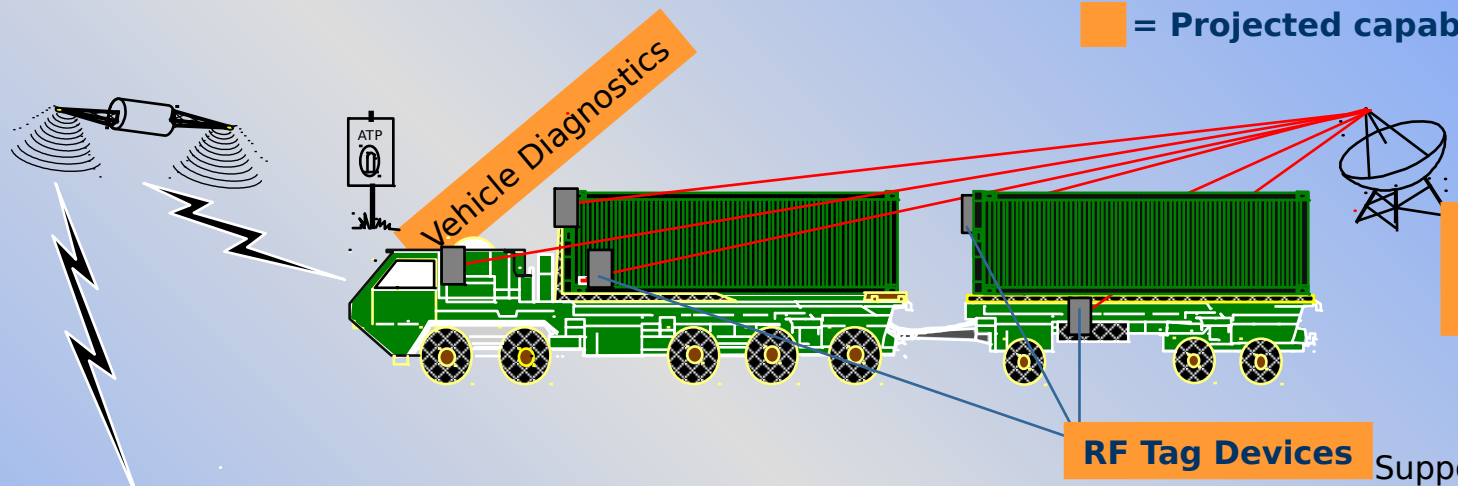
Operational Concept

= Projected capabilities



Fog & smoke will be encountered during night driving

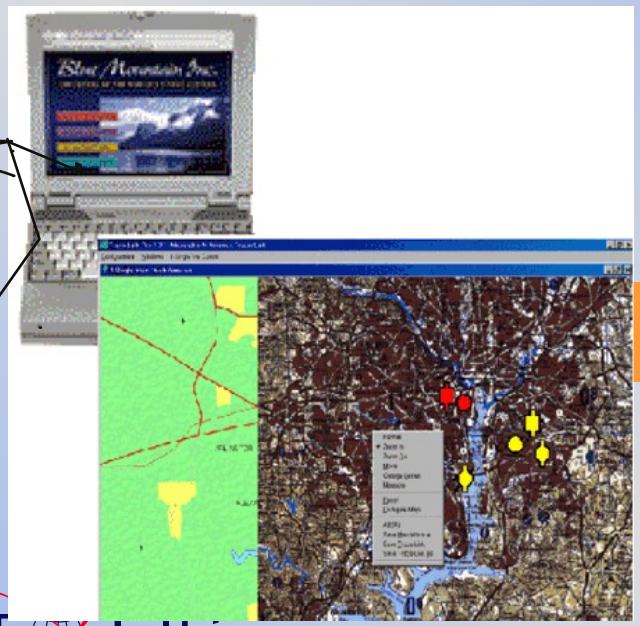
Flatrack of 155mm ammunition at ATP 6A

Turn left at the intersection of MSR George & MSR Audi

Redirect your load to NK385236

Your next waypoint is NK379233

Control Station



- Supports Total Asset Visibility
- Enables Time Definite Delivery
- Ability To Divert / Reroute CSS Fleet
- Provides limited situational awareness
- Type III Encryption System

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http://www.gcss-army.lee.army.mil

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